

20070525.ba v04_n055.bam.20070525

>From ???@??? Fri May 25 11:50:55 2007 -0500
Date: Fri, 25 May 2007 16:49:50 GMT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 4055
Message-Id: <20070525164952.B98DC4700ED@srvr1.theporch.com>

BOATANCHORS Digest 4055

Topics covered in this issue include:

- 1) Re: Interesting transmission line test
by "James C. Garland" <4cx250b@muohio.edu>
- 2) BA-48 Battery Connector
by "B. Smith" <smithab11@comcast.net>
- 3) Fwd: Re: Heath SWR Bridges
by John Sehring <jsehring@siouxvalley.net>
- 4) Re: SWR Bridges - More
by wb3fau@att.net
- 5) Re: Interesting Transmission Line Experiment
by "James C. Garland" <4cx250b@muohio.edu>
- 6) Re: SWR Bridges - More
by "Arden Allen" <gumbear@pacbell.net>
- 7) Re: AN/PRM-1A Radio Test Set
by "PHIL" <signetics@netzero.com>
- 8) Re: SWR Bridges - More
by "Tom Rauch" <w8ji@contesting.com>
- 9) Re: SWR Bridges - More
by wb3fau@att.net
- 10) Re: SWR Bridges - More
by "Arden Allen" <gumbear@pacbell.net>
- 11) Re: Heath SWR Bridges
by "David Thompson" <thompson@mindspring.com>
- 12) line voltage too high ?
by "Chuck Grandgent" <chuck@chuckg.com>
- 13) Re: line voltage too high ?
by "David Stinson" <arc5@ix.netcom.com>
- 14) Re: line voltage too high ?
by "Larry WA9VRH" <wa9vrh@mtco.com>
- 15) Re: line voltage too high ?
by "Arden Allen" <gumbear@pacbell.net>
- 16) Re: line voltage too high ?
by "Arden Allen" <gumbear@pacbell.net>
- 17) Re: line voltage too high ?
by Bob Roehrig <broehrig@aurora.edu>
- 18) Re: line voltage too high ?

by "Tom Rauch" <w8ji@contesting.com>
19) Re: SWR Bridges - More
by "Tom Rauch" <w8ji@contesting.com>
20) Re: line voltage too high ?
by "Chuck Grandgent" <chuck@chuckg.com>
21) Re: line voltage too high ?
by "David Stinson" <arc5@ix.netcom.com>
22) Fw: [TenTec] Kon Tiki; Call: LI2B
by "JAMES HANLON" <knjhanlon@msn.com>

Message-Id: <7.0.1.0.2.20070522083620.0114cf98@muohio.edu>
Date: Tue, 22 May 2007 08:41:47 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@muohio.edu>
Subject: Re: Interesting transmission line test
Cc: boatanchors <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

HI Herb,
I'd like to experiment with what I can do with the other two pairs of conductors. I notice that the two paralleled transmission line pairs understandably pick up more noise (like twin lead), more than does coax. I want to try grounding the other two pairs to see if that improves noise immunity and also whether it alters the impedance. It might also be interesting to play with a little toroidal 1:1 balun at the xmtr end of the line, to convert the single-ended xmtr output to balanced output. But in principle, I don't see and reason why both of your suggestions for the unused pairs wouldn't work just fine.
73,
Jim

At 08:18 AM 5/22/2007, you wrote:

>Hi, Jim,
>
>Hmmm-wonder whether you could use the other two pair simultaneously
>with the first two pairs for:
>
> 1. also in parallel for another 50 ohm line-say to another
> adjacent (crossed) dipole, or
>
> 2. dc control wires for relays. With diodes in the control box
> and also at each DC relay, one could control 6 relays-dunno what
> for-perhaps some directional selection of dipoles... inverted VEES
> clustered so as to give directivity, etc.
>

>Happy hamming!
>
>Herb W5AN
>-----
>
>James C. Garland wrote:
>
>>I'm working on a homebrew project <snip> <snip> ...

Jim Garland
Santa Fe, NM
www.w8zr.net

Message-ID: <000601c79d45\$79bef350\$e9e1a243@HAL1000>
From: "B. Smith" <smithab11@comcast.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BA-48 Battery Connector
Date: Wed, 23 May 2007 10:20:10 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Does anyone know of a commercial panel mounted female connector that is the same as the one mounted on the BA-48 battery?

breck k4che

Content-Disposition: inline
Content-Transfer-Encoding: binary
Mime-Version: 1.0
From: John Sehring <jsehring@siouxvalley.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Fwd: Re: Heath SWR Bridges
Content-Type: text/plain
Message-Id: <20070523142859.555ED31F30F@filter6.e-filtering.net>
Date: Wed, 23 May 2007 08:28:59 -0600 (MDT)

On Thu, 17 May 2007, John Sehring wrote:

>>You can check your Cantenna with an ohmeter. I find that mine is slightly
>>off (I forget now what it actually is) but good enough.

Mine is 46 ohms. The resistor used in the Cantenna sez "50 ohms, +- 10%".

>I have made my own SWR bridges using a piece of RG-8 for the pickup device
>by stripping off the outer covering, then squeezing the braid together to
>increase its diameter, then working a couple of pieces of hookup wire
>under the braid, then stretching the braid back again.

Have made one of those, too. The Heath AM-2 is equivalent to this does this differently, with tubing.

>One problem with some bridges is that if the pickup element is too short
>and/or the meter not sensitive enough, then they are not sensitive enough
>at 160 meters.

I went to a different kind of bridge, which is frequency independent. It uses a toroid. The center conductor of the coax goes thru the middle of the toroid; the sensing winding is just a few turns thru the toroid.

For an example, see ARRL Antenna Handbook, 1974, Fig. 17-9.

--John WB0EQ/VE6

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Cc: John Sehring <jsehring@siouxvalley.net>
Subject: Re: SWR Bridges - More
Date: Wed, 23 May 2007 14:37:06 +0000
Message-Id:
<052320071437.16886.4654519200051DA6000041F621603762239A0E00CC0D99@att.net>

John perhaps you had too much oil in the can? Best to use transformer oil.
Need to find
local distributor or local utility- give you new high quality stuff work
good. Takes more heat than mineral or motor oil. Russ.

Message-Id: <7.0.1.0.2.20070523091059.02436be0@muohio.edu>
Date: Wed, 23 May 2007 09:11:30 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@muohio.edu>
Subject: Re: Interesting Transmission Line Experiment
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:27 AM 5/23/2007, you wrote:

>Just a couple of things that you probably have already noted - the wire
>insulation on that Cat5 is pretty thin so you might get breakdown on high
>vswr. Also the insulation melts quite readily on the Cat5 I have soldered,

>so also avoid warming up that #26 wire too much.
>cheers,
>Nick KD4CPL

I believe CAT5 and CAT6 cable are 24AWG, not 26AWG. Typically, the voltage insulation is specified at 300V RMS, but with some variation among different brands. There are several versions of this stuff, including an outdoor UV-protected version, and an interesting Belden "mediatwist" 1872A flat type. Shielded types and stranded conductor types are also available. The capacitance per foot for each pair is nominally 15pF/ft, and the (maximum) DC resistance is about 8 ohms per 100 ft. Pacific Cable makes a stranded (24AWG 7/32 tinned copper) version that has 13.5 pF/ft, and a dielectric withstanding voltage of 1500V RMS.

73,
Jim W8ZR

Jim Garland
Santa Fe, NM
www.w8zr.net

Message-ID: <002a01c79d65\$93380bd0\$18a0480c@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "John Sehring" <jsehring@siouxvalley.net>
Subject: Re: SWR Bridges - More
Date: Wed, 23 May 2007 11:08:53 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

> John perhaps you had too much oil in the can? Best to use transformer oil. Need to find
> local distributor or local utility- give you new high quality stuff work good. Takes more heat than mineral or motor oil. Russ.

Regardless of type of oil I don't think you want a can full of dangerously hot oil. For longer than one minute test periods put the can in the bathtub and fill with water to just below the top of the can (you may have to put a brick on top of the can to keep it from floating). It'll take quit a while to heat the water to boiling ;-)

Arden Allen
KB6NAX

Message-ID: <001d01c79d7d\$1a7fbb80\$c2c3f904@default>
From: "PHIL" <signetics@netzero.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: AN/PRM-1A Radio Test Set
Date: Wed, 23 May 2007 16:58:22 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Starddart (sorry about spelling) made a field strength covering that range.

----- Original Message -----

From: David Hollander <n7rk@cox.net>
To: Old Tube Radios <boatanchors@theporch.com>
Sent: Tuesday, May 22, 2007 7:15 PM
Subject: AN/PRM-1A Radio Test Set

> Found an AN/PRM-1A Radio Test Set at a hamfest a few weeks ago. The case
>

Message-ID: <003a01c79d99\$a189aca0\$640fa8c0@radiatoroom>
From: "Tom Rauch" <w8ji@contesting.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "John Sehring" <jsehring@siouxvalley.net>
Subject: Re: SWR Bridges - More
Date: Wed, 23 May 2007 20:22:24 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;
 charset="Windows-1252";
 reply-type=original
Content-Transfer-Encoding: 7bit

> Regardless of type of oil I don't think you want a can
> full of dangerously
> hot oil. For longer than one minute test periods put the
> can in the bathtub
> and fill with water to just below the top of the can (you
> may have to put a
> brick on top of the can to keep it from floating). It'll
> take quit a while
> to heat the water to boiling ;-)

The big problem is in the can.

The oil around the resistor gets very hot while the rest of the oil is much cooler. If you want to increase the rating of a Cantenna put a stirring motor on it.

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "John Sehring" <jsehring@siouxvalley.net>
Subject: Re: SWR Bridges - More
Date: Thu, 24 May 2007 14:10:01 +0000
Message-Id:
<052420071410.2953.46559CB9000BE06A000000B8921602813029A0E00CC0D99@att.net>

Hey Arden- how about a small heat exchanger inside the can? Well, yes we would have to pump the oil thru it? This could be lots of fun.

Message-ID: <003201c79e2e\$60bbe7c0\$209e480c@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "John Sehring" <jsehring@siouxvalley.net>
Subject: Re: SWR Bridges - More
Date: Thu, 24 May 2007 10:44:29 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

> The oil around the resistor gets very hot while the rest of
> the oil is much cooler. If you want to increase the rating
> of a Cantenna put a stirring motor on it.

That won't buy you much time, Tom.

The temperature differential between the resistor element and the exterior can air temperature depends on a number of coefficients, one of which is the convection of the oil, which also means the temperature of the resistor's element will vary along its length. It's pointless to split thermal units when it's known you can run a KW in the can for a minute before oil temperature reaches an unacceptable value, whatever that is. The specific heat of water being greater than oil simply means the can increases in size by many gallons when immersed in a bathtub full of water. That translates to many more minutes of run time at a KW. Calculating that time is a task too great for my overly rationed grey cells. Adding a thermometer to the

can will allow you to create a power v/s temperature v/s time chart.
Running the load at greater than a KW means increasing the stress on the resistor as well as shortening run time.

Arden Allen
KB6NAX

Message-ID: <025101c79e3f\$a2b57e00\$61679a04@yourxb2x7j77gn>
From: "David Thompson" <thompson@mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Heath SWR Bridges
Date: Thu, 24 May 2007 16:10:54 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Geez, I did not know my simple question would lead to such a discussion.

I think I will keep both bridges and both Heath dummy (one from 1959) loads right along side the MFJ-259B.

Dave K4JRB

Message-ID: <a913924b0705241723u18e2e977q7d2417d93650f53f@mail.gmail.com>
Date: Thu, 24 May 2007 20:23:14 -0400
From: "Chuck Grandgent" <chuck@chuckg.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: line voltage too high ?
MIME-Version: 1.0
Content-Type: multipart/alternative;
 boundary="-----=_Part_159550_2487847.1180052594317"

-----=_Part_159550_2487847.1180052594317
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

One handy feature of my PC UPS is that its software regularly records line voltage, and my guess is it's pretty accurate.

Over the last month, it has ranged from a low of 117.7 to a high of 122.5.

I'm out in the boonies and the nearest transformer is for my house only. Also, our power company (Clay Electric in Alachua county, Florida) is a co-op, and very very responsive to its customers.

For the sake of my old gear, seems to me if I had my druthers I would have them reduce this range by maybe 5 volts ???

Chuck, K10M

-----=_Part_159550_2487847.1180052594317
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
* (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----=_Part_159550_2487847.1180052594317--

Message-ID: <001001c79e65\$30cee760\$6401a8c0@262u1>
From: "David Stinson" <arc5@ix.netcom.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: line voltage too high ?
Date: Thu, 24 May 2007 19:39:44 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've noticed a lot of high line voltage here in North Texas lately.
Some of the "220" lines running to my microwave shelters
are running more like 250 volts. This can't be good for my
air conditioners, not to mention battery chargers.
Any have an idea why this is happening?
They trying to deliver more power by boosting the voltage
to get over peaks, or what?

Message-ID: <00a801c7b6c2\$7ab9dc20\$e00b1aa5@32V3>
From: "Larry WA9VRH" <wa9vrh@mtco.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: line voltage too high ?
Date: Sun, 24 Jun 2007 19:47:58 -0500
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi David,

I am in central Illinois just Northwest of Peoria. I have a line voltage monitor that is always online. Last year during the Summer it was not unusual to see 128 vac + in the morning on the monitor and to see 106 vac in the afternoon. We did have a couple of times when we lost power late in the day and a few hours later it was back.

We have had a couple of appliances fail for no apparent reason.

I wish I still had access to a Dranetz (sp?) recording meter as it would be interesting to see the recording.

73 Larry WA9VRH

----- Original Message -----

From: "David Stinson" <arc5@ix.netcom.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Thursday, May 24, 2007 7:39 PM
Subject: Re: line voltage too high ?

> I've noticed a lot of high line voltage here in North Texas lately.
> Some of the "220" lines running to my microwave shelters
> are running more like 250 volts. This can't be good for my
> air conditioners, not to mention battery chargers.
> Any have an idea why this is happening?
> They trying to deliver more power by boosting the voltage
> to get over peaks, or what?
>
>
>
>

Message-ID: <004901c79e6f\$b3b090c0\$9e9f480c@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: line voltage too high ?
Date: Thu, 24 May 2007 18:54:40 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I've noticed a lot of high line voltage here in North Texas lately.

> Some of the "220" lines running to my microwave shelters
> are running more like 250 volts. This can't be good for my
> air conditioners, not to mention battery chargers.
> Any have an idea why this is happening?
> They trying to deliver more power by boosting the voltage
> to get over peaks, or what?

May have been posted here in the past. The power companies have a couple of copouts. First is line voltage tolerance which allows more variance than one would think is reasonable. The other is an increased variance due to unstable or emergency operating conditions which are supposed to rarely happen and for short periods of time. If the power company believes they have not exceeded these limits you don't have a prayer if your boatanchor melts down.

Arden Allen
KB6NAX

Message-ID: <004801c79e6f\$b235b090\$9e9f480c@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: line voltage too high ?
Date: Thu, 24 May 2007 18:47:51 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> For the sake of my old gear, seems to me if I had my druthers I would have
> them reduce this range by maybe 5 volts ???

May not be possible unless the pole pot has selectable taps. But the power company would also lose money so it may be an uphill fight. I think the importance of exact line voltage is overblown if you stop to consider the incremental consequences of high or low line voltage. That's what variacs and line voltage stabilizers are for.

Arden Allen
KB6NAX

Date: Thu, 24 May 2007 21:05:26 -0500 (CDT)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: line voltage too high ?
Message-ID: <Pine.LNX.4.61.0705242104450.12921@hermes.aurora.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII; format=flowed

On Thu, 24 May 2007, David Stinson wrote:

> They trying to deliver more power by boosting the voltage
> to get over peaks, or what?

ARE they boosting the voltage in anticipation of the additional summer A/C loads?

Bob Roehrig
Aurora University Telecom dept.
broehrig@aurora.edu
K9EUI W9ZGP WD2XSH/19
630-844-4898 fax 630-844-4222
"Nostalgia is a thing of the past"

Message-ID: <00cc01c79eb8\$4c5c0aa0\$640fa8c0@radiatoroom>

From: "Tom Rauch" <w8ji@contesting.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: line voltage too high ?

Date: Fri, 25 May 2007 06:34:31 -0400

MIME-Version: 1.0

Content-Type: text/plain;

format=flowed;

charset="iso-8859-1";

reply-type=original

Content-Transfer-Encoding: 7bit

> I've noticed a lot of high line voltage here in North
> Texas lately.
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> my
> air conditioners, not to mention battery chargers.
> Any have an idea why this is happening?
> They trying to deliver more power by boosting the voltage
> to get over peaks, or what?

Dave,

The USA standard for voltage has been 120/240 for many years now. There is generally a +-5% tolerance allowed, although in some remote or aging systems +-10% is allowed. The important point is there is no 220, and there hasn't been

for many years. It's 120/240. ANSI C84.1 expects equipment to operate at service voltages between 95% to 105% with a utilization voltage range of 87% to 106%. 125/250 is only 4% high from the standard service voltage range.

110/220 went away around 1950 or so. 115/230 went away in the 60's.

As electrical demands in the USA rise we also have a wider range of load minimum and maximums at every location. This means the voltage will change more from minimum to maximum no matter how stable they have it at the generating plants and distribution points. Since LV is nearly as harmful as HV to many devices the utilities just set it on the high end under low demand periods.

73 Tom

Message-ID: <010601c79ebb\$b5914d20\$640fa8c0@radioroom>
From: "Tom Rauch" <w8ji@contesting.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "John Sehring" <jsehring@siouxvalley.net>
Subject: Re: SWR Bridges - More
Date: Fri, 25 May 2007 06:58:56 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;
 charset="Windows-1252";
 reply-type=original
Content-Transfer-Encoding: 7bit

>> The oil around the resistor gets very hot while the rest
>> of
>> the oil is much cooler. If you want to increase the
>> rating
>> of a Cantenna put a stirring motor on it.
>
> That won't buy you much time, Tom.

Well that certainly disagrees with actual measurements I made on the cantenna for Heathkit when I was doing consulting work for them Alan. They were trying to bring stuff up to the new 1500 watt limit.

I used probes in the oil. I found the oil circulated very poorly, resulting in boiling near the resistor long before the oil near the can started to heat any significant amount. Of course if the power was low enough and the time long enough the oil would heat more evenly, but the big problem was always the very poor circulation over the resistor.

How did you make your measurements?

73 Tom

Message-ID: <a913924b0705250457j46caf7c6ga27ad8557424290d@mail.gmail.com>
Date: Fri, 25 May 2007 07:57:05 -0400
From: "Chuck Grandgent" <chuck@chuckg.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: line voltage too high ?
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_Part_165962_20790707.1180094225192"

-----=_Part_165962_20790707.1180094225192
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

OK, I'm well within 5% then, will leave it be.

Chuck, K10M

On 5/25/07, Tom Rauch <w8ji@contesting.com> wrote:

>
> > I've noticed a lot of high line voltage here in North
> > Texas lately.
> > Some of the "220" lines running to my microwave shelters
> > are running more like 250 volts. This can't be good for
> > my
> > air conditioners, not to mention battery chargers.
> > Any have an idea why this is happening?
> > They trying to deliver more power by boosting the voltage
> > to get over peaks, or what?
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> Dave,
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> The USA standard for voltage has been 120/240 for many years
> now. There is generally a +-5% tolerance allowed, although

> in some remote or aging systems +/-10% is allowed. The
> important point is there is no 220, and there hasn't been
> for many years. It's 120/240. ANSI C84.1 expects equipment
> to operate at service voltages between 95% to 105% with a
> utilization voltage range of 87% to 106%. 125/250 is only 4%
> high from the standard service voltage range.
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> 110/220 went away around 1950 or so. 115/230 went away in
> the 60's.
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> As electrical demands in the USA rise we also have a wider
> range of load minimum and maximums at every location. This
> means the voltage will change more from minimum to maximum
> no matter how stable they have it at the generating plants
> and distribution points. Since LV is nearly as harmful as HV
> to many devices the utilities just set it on the high end
> under low demand periods.
>
> 73 Tom
>
>
>
>
>
>

--

----- sent via mobile phone account -----

-----=_Part_165962_20790707.1180094225192
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----=_Part_165962_20790707.1180094225192--

Message-ID: <002001c79ecd\$2cea8600\$6401a8c0@262u1>

From: "David Stinson" <arc5@ix.netcom.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: line voltage too high ?
Date: Fri, 25 May 2007 08:04:04 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Tom Rauch" <w8ji@contesting.com>

>...125/250 is only 4%
> high from the standard service voltage range.
>... Since LV is nearly as harmful as HV
> to many devices the utilities just set it on the high end
> under low demand periods.

Thanks, Tom. Didn't know any of that.
73 Dave S.

Message-ID: <BAY110-DAV46CD0895FAA8D462087AFA02B0@phx.gbl>
From: "JAMES HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Fw: [TenTec] Kon Tiki; Call: LI2B
Date: Fri, 25 May 2007 10:49:26 -0600
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_0131_01C79EBA.5D636850"

This is a multi-part message in MIME format.

-----=_NextPart_000_0131_01C79EBA.5D636850
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

The links below will be of interest to any Kon Tiki fans. This came =
from the Ten Tec Reflector.

Jim, W8KGI

----- Original Message -----=20

From: Kevin Purcell<mailto:kevinpurcell@pobox.com>=20
To: Discussion of Ten-Tec Equipment<mailto:tentec@contesting.com>=20
Cc: Kevin Purcell<mailto:kevinpurcell@pobox.com>=20

Sent: Thursday, May 24, 2007 9:54 PM
Subject: Re: [TenTec] Kon Tiki; Call: LI2B

OT but too much to resist

LI2B operated by LA7Y

<<http://www.arrl.org/news/features/2003/03/05/1/?nc=3D1><<http://www.arrl.org/news/features/2003/03/05/1/?nc=3D1>>>
<<http://www.arrl.org/news/features/2003/03/05/1/sidebar.html><<http://www.arrl.org/news/features/2003/03/05/1/sidebar.html>>>
<http://www.infoage.org/p-86Kontiki_.html<http://www.infoage.org/p-86Kontiki_.html>>

Of course his ideas of settlement appear to be wrong.

OB Tentec: Just a few years before the (original) Argonaut SSB rig =20
made it's journey around the a Pacific.

On May 24, 2007, at 8:25 PM, Bill Harris wrote:

> Bob:
> I remember the National ads in QST (around 1947). Full page with a =20
> picture of the raft and the NC-173 Does anyone remember what Thor =20
> used to power the equipment?? They were adrift for quite some time =20
> (3 months?) and lead acid batteries would need charging after a few =20
> day's from operating the 173, not to mention the transmitter. Their =20
> back up xmtr was qrp, (British Mark II) powered by a hand crank =20
> generator. I believe he had two radio techs/ops with him. (What =20
> were their calls???) That's about all I can remember
> Carry-on
> KXBill
> ----- Original Message -----
> From: Bwana Bob<<mailto:wb2vuf@arrl.net><<mailto:wb2vuf@arrl.net>>>
> To: Discussion of Ten-Tec =
Equipment<<mailto:tentec@contesting.com><<mailto:tentec@contesting.com>>>
> Sent: Thursday, May 24, 2007 6:24 PM
> Subject: Re: [TenTec] Tentec tuner to go with a Scout
>
>
> Yes, you will need a dry box like a Pelican case or equivalent. =20
> You can
> do it. Thor Heyerdahl used an National NC-173 on the Kon Tiki and he
> used a modified Heath HW-32A on the Ra expedition.
>
> Good luck. Will you be issuing special QSL's?
>

>
> 73,
>
> Bob WB2VUF
>
> Kirk Braunius wrote:
>> Please tell me you are not taking your Scout on a raft.
>>
>> Kirk
>> AI4PZ
>>
>>
>> On 5/24/07, Dennis =
<ve3vg@sympatico.ca<mailto:ve3vg@sympatico.ca<mailto:ve3vg@sympatico.ca%3C=
Cmailto:ve3vg@sympatico.ca>>> =20
>> wrote:
>>> Hello Allan and list...
>>> that would be the model 291 antenna tuner...
>>> rated 200 watts, weighs 3 1/2 lbs and measures 3 X 7 X 5.5"
>>> input and output are unbalanced (S0239's) plus a longwire =20
>>> terminal...
>>> works great... sorry not for sale...
>>> 73
>>> Dennis - =
ve3vg@sympatico.ca<mailto:ve3vg@sympatico.ca<mailto:ve3vg@sympatico.ca%3C=
mailto:ve3vg@sympatico.ca>>
>>> Cambridge, Ontario... Canada
>>>
>>>
>>> ----- Original Message -----
>>> From: "Allan Taylor" =
<k7gt.cw@gmail.com<mailto:k7gt.cw@gmail.com<mailto:k7gt.cw@gmail.com%3Cma=
ilto:k7gt.cw@gmail.com>>>
>>> To: =
<tentec@contesting.com<mailto:tentec@contesting.com<mailto:tentec@contest=
ing.com%3Cmailto:tentec@contesting.com>>>
>>> Sent: Wednesday, May 23, 2007 10:52 PM
>>> Subject: [TenTec] Tentec tuner to go with a Scout
>>>
>>>
>>>> I know that at some time in the past, Tentec made a tuner designed
>>>> more or less to
>>>> go with the Scout. I need some information about this tuner. First,
>>>> what model number is
>>>> it? Second, does it have a balanced line input. And third, does =20
>>>> someone
>>> have one

```

>>>> they would be willing to part with? I need it to provide radio =20
>>>> access
>>>> on an upcoming
>>>> whitewater raft trip down the Middle Fork of the Salmon River.
>>>>
>>>> --
>>>> 73 and GL
>>>>
>>>> Allan K7GT
>>>>
>>>> SW Oregon
>>>> -----
>>>> TenTec mailing list
>>>> =
>>>> TenTec@contesting.com<mailto:TenTec@contesting.com<mailto:TenTec@contesti=
>>>> ng.com%3Cmailto:TenTec@contesting.com>>
>>>> =
>>>> http://lists.contesting.com/mailman/listinfo/tentec<http://<http://lists.=
>>>> contesting.com/mailman/listinfo/tentec%3Chttp://>=20
>>>> lists.contesting.com/mailman/listinfo/tentec>
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>>>> TenTec mailing list
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>>>> ng.com%3Cmailto:TenTec@contesting.com>>
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>>>> lists.contesting.com/mailman/listinfo/tentec>
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>>>> ng.com%3Cmailto:TenTec@contesting.com>>
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>>>> contesting.com/mailman/listinfo/tentec%3Chttp://>=20
>>>> lists.contesting.com/mailman/listinfo/tentec>
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>>>> TenTec mailing list
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>>>> ng.com%3Cmailto:TenTec@contesting.com>>
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>>>> lists.contesting.com/mailman/listinfo/tentec>
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>>>> TenTec@contesting.com<mailto:TenTec@contesting.com<mailto:TenTec@contesti=
>>>> ng.com%3Cmailto:TenTec@contesting.com>>
>>>> =
>>>> http://lists.contesting.com/mailman/listinfo/tentec<http://<http://lists.=

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contesting.com/mailman/listinfo/tentec%3Chttp://>=20
> lists.contesting.com/mailman/listinfo/tentec>
> -----
> TenTec mailing list
> TenTec@contesting.com<mailto:TenTec@contesting.com>
> =
http://lists.contesting.com/mailman/listinfo/tentec<http://lists.contesti=
ng.com/mailman/listinfo/tentec>

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Kevin Purcell
kevinpurcell@pobox.com<mailto:kevinpurcell@pobox.com>

-----=_NextPart_000_0131_01C79EBA.5D636850
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_000_0131_01C79EBA.5D636850--

End of BOATANCHORS Digest 4055
